



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

D3405-041
Job Sheet 172817



Part No: D3405-041

Job Qty: 16 ea *9 ea*

Part Name: Ground Handling Lug



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 2/22/18

Job Tracking No:

Due Date: 3/12/18

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG REV B IPP A 05.09.01 New issue KJ/JLM IPP B 09.01.28 rev.B drawing EC verified by:DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	16 Ea		3/9/18	0.00	0.00	Start Up Waterjet		<i>SC 18/03/08</i>
100	Waterjet	16 pcs		3/10/18	0.00	1.42	Waterjet1		<i>SC 18/03/08</i>
110	QC	16 pcs		3/10/18	0.00	0.00	QC2 Waterjet-2		<i>SC 18/03/08</i>
120	QC	16 pcs		3/10/18	0.00	0.00	QC8-2		<i>38</i>
130	Brake NC	16 pcs		3/10/18	0.09	1.33	Brake NC 1		<i>DAS 9-88</i>
140	QC	16 pcs		3/10/18	0.00	0.00	QC5		<i>38</i>
150	Large Fab	16 pcs		3/10/18	0.00	5.06	Large Fab 1		<i>9-88</i>
160	QC	16 pcs		3/10/18	0.00	0.00	QC9		<i>DYC 18/04/09</i>
170	QC	16 pcs		3/10/18	0.00	0.00	QC5		<i>18.4.05</i>
180	Powdercoat	16 pcs		3/12/18	0.00	0.47	Powdercoat2		<i>18.4.05</i>
190	QC	16 pcs		3/12/18	0.00	0.00	QC3		<i>BR 18-4-9</i>
200	Packaging	16 pcs		3/12/18	0.00	0.00	Packaging3-1		<i>38</i>
210	QC21-SA	16 Ea		3/12/18	0.00	0.00	QC21		<i>51529</i>

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M304S11GA	304/316 0.125 Sheet	2.4640 sf (.154 ea)	90-Start up Operation	
D3404-1	Ground Handling Wheel Lug	16 Ea (1 ea)	150-Large Fab	

M 138760 START: 12:00 O.V.T. 2:00 FINISH: 12:30.

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	M304S11GA	2	3	0
150-Large Fab	D3404-1	16	31	0

Part Specifications

Specifications could not be found.

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspect ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%;"> <tr> <td>Skid-tube ☐</td> <td>Cross tube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																										
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Date : _____		Step #: _____		MRB (QSI042) Approval																																														
Description Work Order Deviation Completed By _____ Hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____ Container No: S049451 Part: D3405 - 041 Job No: 172817 Serial No/Batch: S049451 Revision: _____ Inspector: _____ Date: 03/08/18																																																		
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="text-align: left;">Root Cause</th> </tr> </thead> <tbody> <tr> <td>Environment ☐</td> <td>No Re-verification ☐</td> <td>Press ☐</td> <td rowspan="10" style="width: 20%;"></td> </tr> <tr> <td>Design ☐</td> <td>Operator ☐</td> <td>Bend ☐</td> </tr> <tr> <td>Doc/Data ☐</td> <td>Offset/Setup ☐</td> <td>Centre ☐</td> </tr> <tr> <td>Equip/Tooling ☐</td> <td>Supplier ☐</td> <td>Cracks ☐</td> </tr> <tr> <td>Handling/Pre ☐</td> <td>Training ☐</td> <td>Crimp/Kink/Ripple/Wave ☐</td> </tr> <tr> <td>Material ☐</td> <td>Use for Testing ☐</td> <td>Cuffs ☐</td> </tr> <tr> <td>Internal Transport ☐</td> <td>Poor Information ☐</td> <td>Crushing ☐</td> </tr> <tr> <td>Tribal Knowledge ☐</td> <td>Rushing ☐</td> <td>Heat Treat ☐</td> </tr> <tr> <td>LOA ☐</td> <td>Product Improvement ☐</td> <td>Wave/Twist in Tube ☐</td> </tr> <tr> <td>Substation ☐</td> <td>Process Improvement ☐</td> <td>Marks/Chatter ☐</td> </tr> <tr> <td>Past Expiry Date ☐</td> <td>Manufacturing Process ☐</td> <td></td> <td></td> </tr> <tr> <td>Misidentified ☐</td> <td>Past Due ☐</td> <td>OTHER : _____</td> <td></td> </tr> </tbody> </table>								Root Cause				Environment ☐	No Re-verification ☐	Press ☐		Design ☐	Operator ☐	Bend ☐	Doc/Data ☐	Offset/Setup ☐	Centre ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Past Expiry Date ☐	Manufacturing Process ☐			Misidentified ☐	Past Due ☐	OTHER : _____	
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Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation			Disposition		
			Completed By		
			Lead hand / Supervisor Approval Verification		
			QC / QA Coordinator Approval		
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐ Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐			FAULT CATEGORY Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐		
OTHER :					